520.46411X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 20 JUL 2006

Applicants: AZUMA, et al.

Serial No.: Not Yet Assigned

Filed:

July 20, 2006

Title:

Ultrasonic Imaging Device

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

July 20, 2006

Sir:

In the matter of the above-identified application, applicants are submitting herewith a copy of the documents, except for the US patent document listed in the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B for the Examiner's consideration

This information disclosure statement is being submitted with the new application.

Each of the documents listed on the attached form equivalent to Form(s) PTO/SB/08A and/or PTO/SB/08B is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Receipt date: 07/20/2006

20 JUL 2005

Please charge any shortage in the fees due in connection with the filing of this paper, including excess claim fees, to Deposit Account No. 01-2135 (520.46411X00). and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

Registration No. 22,466

MK/aam 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 Telephone: (703) 312-6600 Fax: (703) 312-6666

Receipt date: 07/20/2006

10586665 - GAU: 3768

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number Complete if Known Substitute for form 1449A/PTO Application Number INFORMATION DISCLOSURE Filing Date July 20, 2006 STATEMENT BY APPLICANT First Named Inventor Takashi AZUMA et al. Art Unit Examiner Name Sheet of Attomey Docket Number 520,46411X00

			U.S. PATENT I	OCUMENTS	
Examiner Initials	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,095,980	08/01/2000	BURNS et al.	
		US-			

		FOREIG	N PATENT DO	UMENTS		
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁶ (ff known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	- 70
		JP 08-000628	01-09-1996	HITACHI MEDICAL CORP		
		JP 2001-061841	03-13-2001	TOSHIBA CORP		
		JP 2003-038490	02-12-2003	VOVASONICS INC		

			-
Examiner	/Joel Brutus/	Date	12/17/2008
Signature	/30ei Dititus/	Considered	

"EXAMINET: Initial if reference considered, whether or not citation is in conformance with MPEP 000. Draw time through citation in find in conformance and not considered, include copy of this form with next communication to applicant. I Applicant's unique citation designation number (optional). 2 See finds Codes of USPTO Patient Documents at www.uspic.gov or MPEP 001.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard S13). 4 For Japanese patient documents, the indication of the year of the region of the Emperor must preced the sender lumber of the patient document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard S1.7 of possible. O Applicant is to place a check mark here if Emplish Inaquage Translation is attached.

This collection of information is required by 3 CFR. 107 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO in process) an application. Confidentially is governed by 35 U.S. C. 22 and 3 CFR. 114. This collection is estimated to take 2 hours to complete, including pathering, preparing, and submitting the completed application form to the USPTO. Time will vary repending upon the individual case. Any comments on the amount of time you require to complete his tiss man and/or suggestions for reducing this burdone, should be sent to the Chief Information Officer, US. Papartinent of Commence, P.O. Sox 1463, Alexandria, VA 22313-1463. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Sox 1453, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08B (04-03)
Approved for use through 10/31/2002. OMB 0651-0031

Under t	he Paperwork Reduct	ion Act of 1995	, no persons are required	to respond to a collection of informati	on unless it displays a valid OMB control numb	
Substitute for form 1449/PTO					~ " B B B A 7. F	
Substitute for 10	III 1449/F1O			Complete if Known		
				Application Number		
INFO	RMATIO	N DISC	LOSURE	Filing Date	July 20, 2006	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		PLICANT	First Named Inventor	Takashi AZUMA et al.		
				Group Art Unit		
	(use as many sh	eets as nec	essary)	Examiner Name		
Sheet	2	of	2	Attomey Docket Number	520.46411X00	

	NON PATENT LITERATURE DOCUMENTS	_
Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	V.L. Newhouse et al., SECOND HARMONIC DOPPLER ULTRASOUND BBLOD PERFUSION MEASUREMENT, 1992 IEEE ULTRASONICS SYMPOSIUM, P. 1175-1177	
	W. WILKENING et al. OPTIMIZED RECEIVE FILTERS AND PHASE-CODED PULSE SEQUENCES FOR CONTRAST AGENT AND NONLINEAR IMAGING, 2001 IEEE ULTRASONICS SYMPOSIUM P. 1733-1737	
	S. Umemura et al., TRIPLEET PULSE SEQUINCE FOR SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432	
	S. Umemura et al., Enhancement of Sonodynamic Tissue Damage Production by Second-Harmonic Superimposition: Theoretical Analysis of its Mechanism, IEEE TRANSACTION ON ULTRASONICS, FEROELECTRICS, AND FREQUENCY CONTROL, VOL. 43, NO. 6, (1996) P. 1054-1062	
		Г
		T
		T
1		T
1		T
	Cite, No.	Cite, Include name of the author (in CAPITAL LETTERS), tills of the article (when appropriate), zills of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. V.L. Newhouse et al., SECOND HARMONIC DOPPLER ULTRASOUND BBLOD PERFUSION MEASUREMENT, 1992 IEEE ULTRASONICS SYMPOSIUM, P. 1175-1177 W. WILKENING et al. OPTIMIZED RECEIVE FILTERS AND PHASE-CODED PULSE SEQUENCES FOR CONTRAST AGENT AND NONLINEAR IMAGING, 2001 IEEE ULTRASONICS SYMPOSIUM P. 1733-1737 S. Umemuria et al., TRIPLEET PULSE SEQUINCE FOR SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, S. Umemuria et al., TRIPLEET PULSE SEQUINCE FOR SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 429-432 SUPERIOR MICROBUBBLE/TISSUE CONTRAST, 2003 IEEE ULTRASONICS SYMPOSIUM, P. 42

/Joel Brutus

EXAMINEX Initial if reference considered, whether or not cision is in conformance with MPEP 600. Draw line through cision in line in conformance and not provided. Initial copy of this form with read communication is applicant.

This collection of information is required by 3T CFR 1.81. The information is required to obtain or retain a benefit by the public which is to tile (one by the USPTO to process) an application. Confidentiality is governed by 3S US. C. 122 and 3T CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application than to the USPTO. Then will vary depending upon the individual case. Any communication that the complete in the

If you need assistance in completing the form, call 1-800-PTO-9199 and select option2